



Draft San Jacinto River Waste Pits Superfund Site TCRA and RI/FS Update

Presented by
David Keith

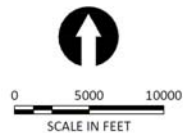
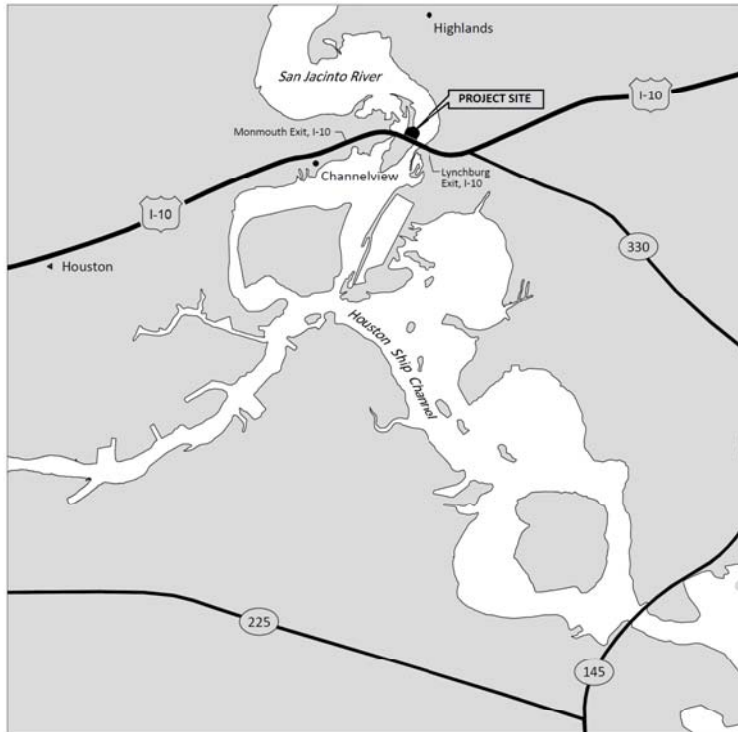
February 23, 2010

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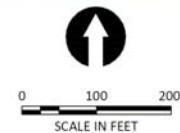
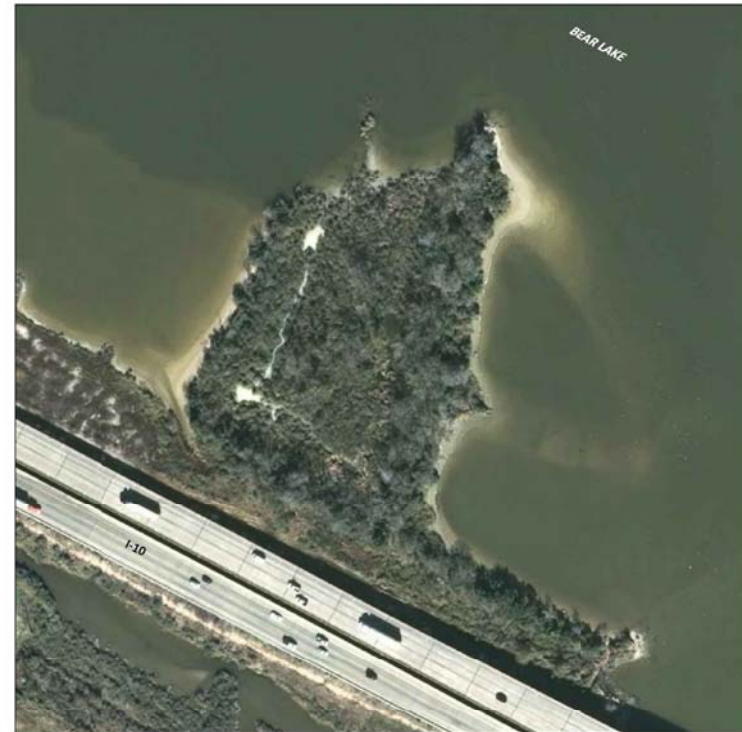


Location

VICINITY MAP



SITE MAP



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Location Map – Stockpiling and Administration Areas

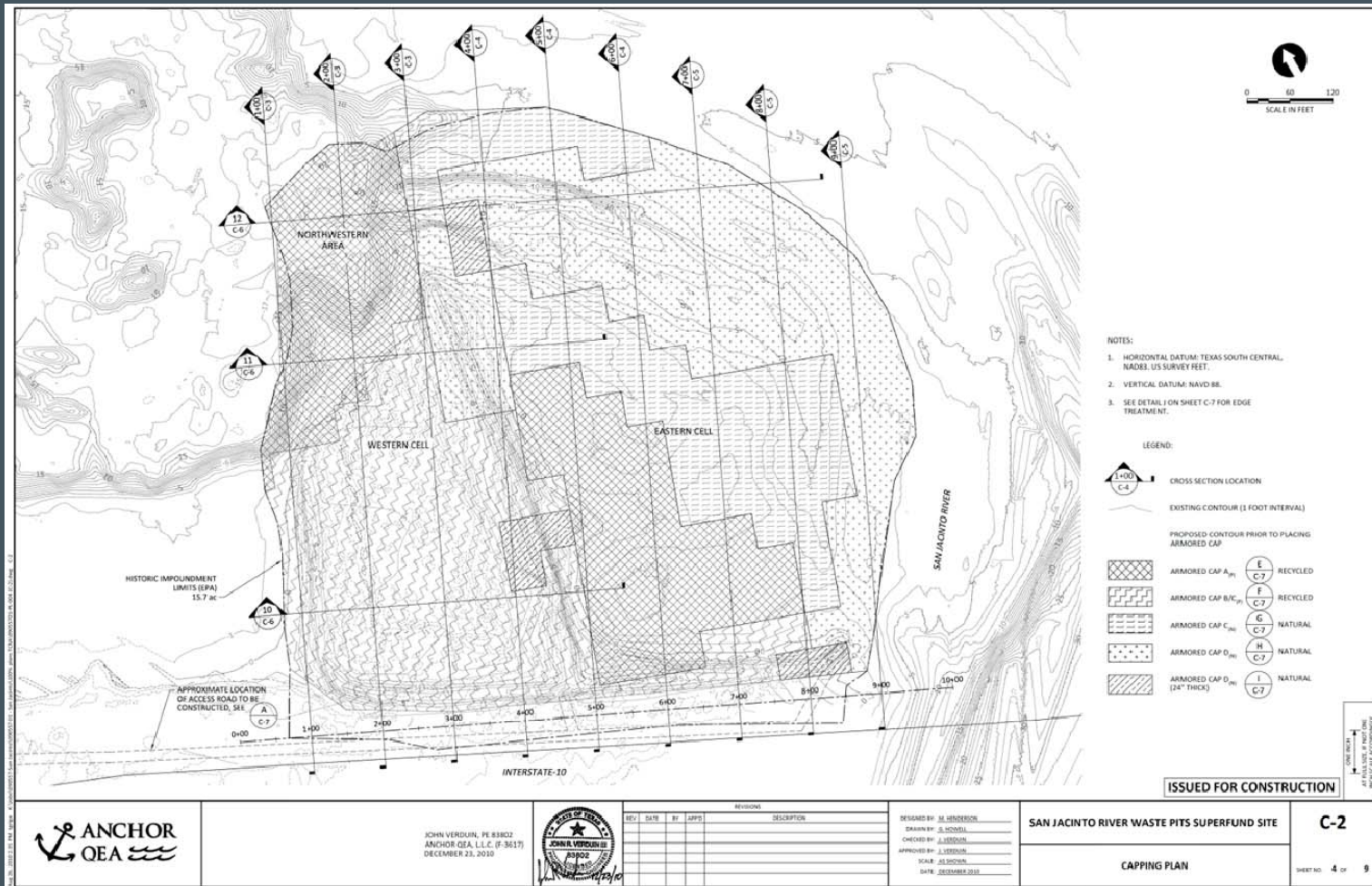


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Construction Plans - Armor Cap Areas



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Activities to Date

- Installed the 2nd phase fencing in the TxDOT right-of-way and around the Big Star property
- Installed the signs and buoys at the impoundments
- Cleared and grubbed the central berm of the waste impoundments

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Activities to Date (continued)

- Entered into an access agreement with TxDOT
- Entered into a lease on the LaBarge property for material stockpiling and transloading by truck and barge
- Entered into a lease on the Market Street property for locating a construction administration area
- Submitted to EPA cultural resource documentation
- Submitted to EPA 401 and 404(b)(1) documentation

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Activities to Date (continued)

- Submitted to EPA a flood level analysis and documentation
- Completed contractor Health and Safety Plan, Construction Work Plan, Environmental Protection Plan, and the Storm Water Pollution Prevention Plan
- Participating in community outreach meetings

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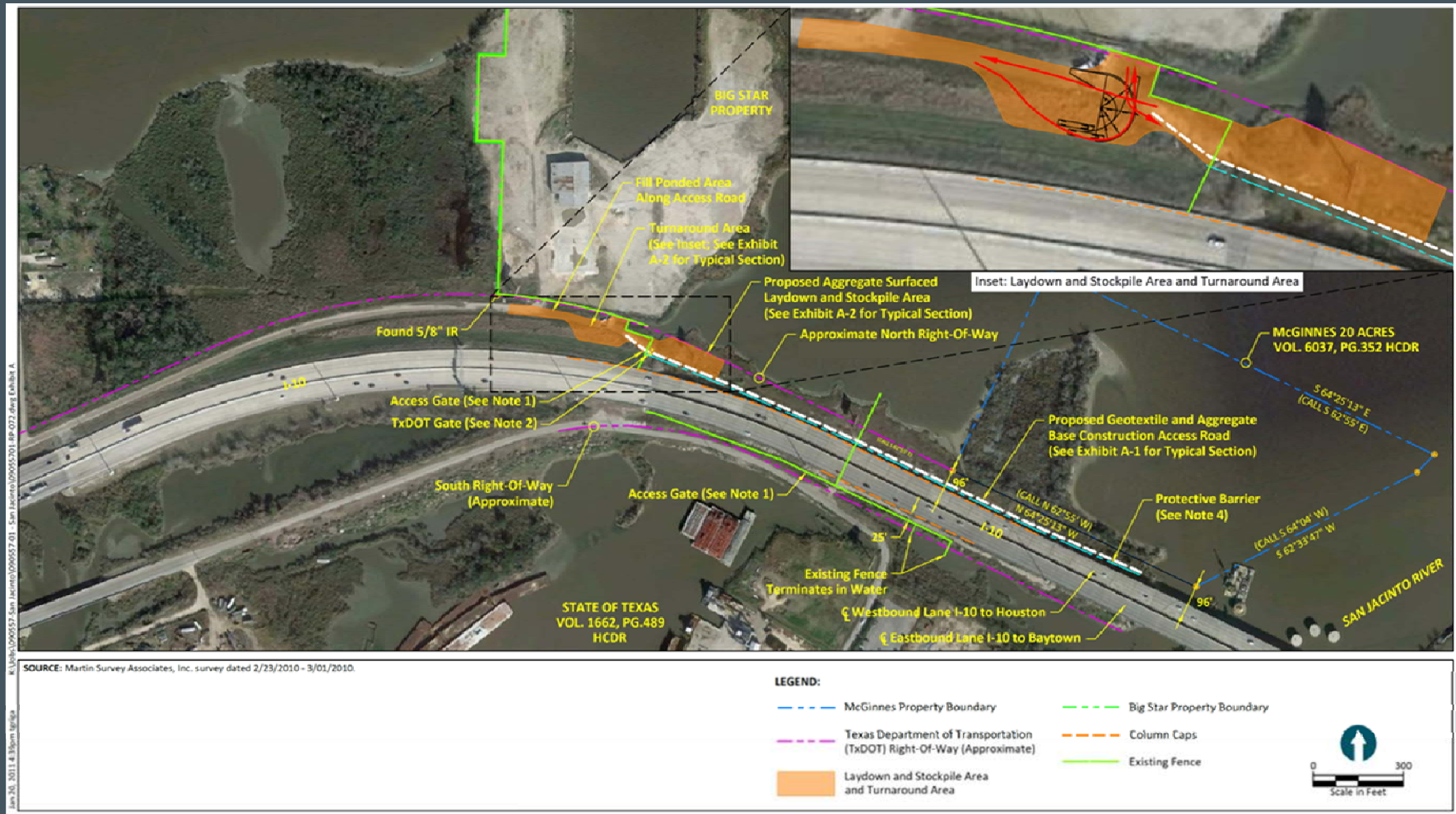
Activities to Date (continued)

- Constructing access road in TxDOT ROW
- Making improvements to administrative area
- Stockpiling materials at LaBarge Facility (no changes)
- Conducting pre-construction surveying
- Placing geotextile and cap in eastern cell

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Site Fencing and Access



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Site Fencing

Completed Fence
Installation South of I-10

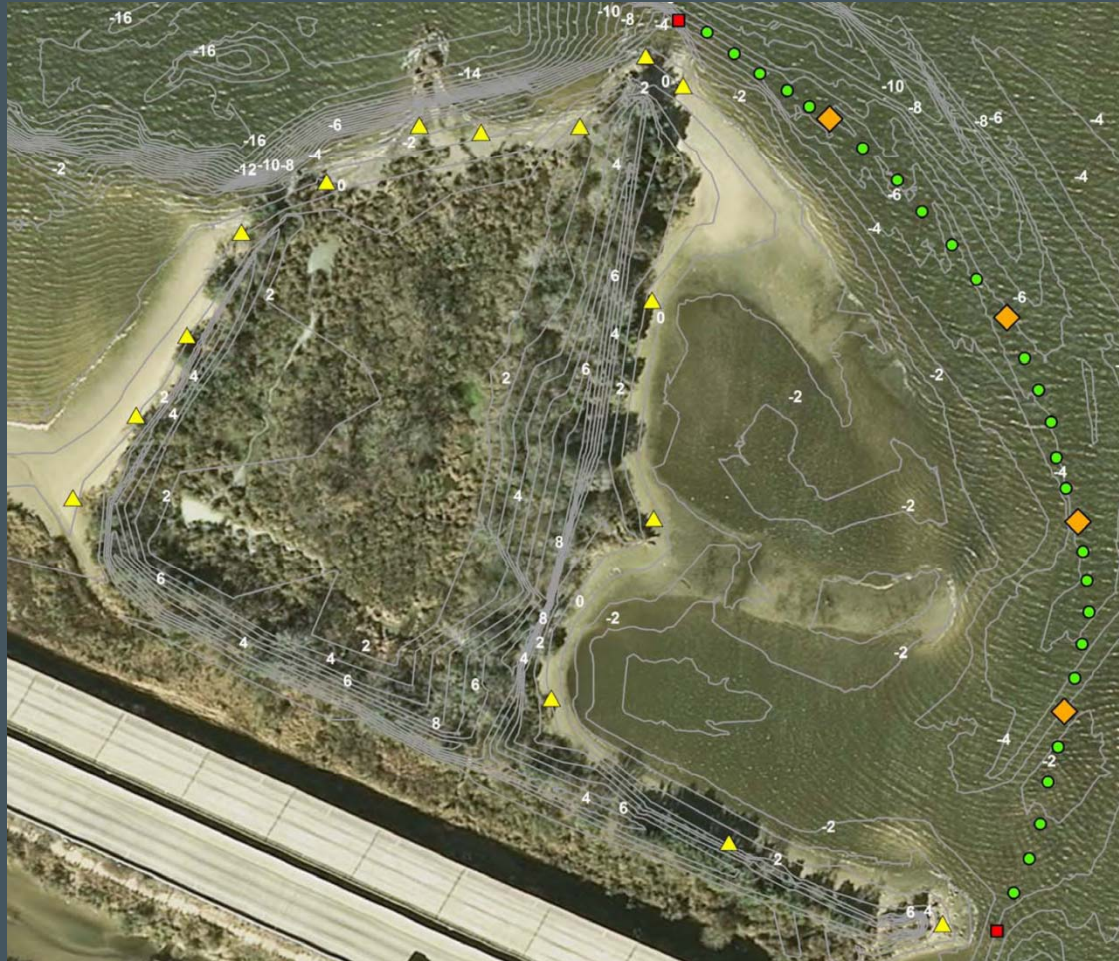
Southwest Corner of Big Star
Property Fence Installation



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Buoys and Signs



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Buoys and Signs

Ball and Regulatory Buoy Installation



Trilingual Public Notice Signs Placed on the Western Peninsula



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Access Road

Before



After



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Materials Stockpiling

Delivery of Armor Cap D
Material

Managing Armor Cap D
Material



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Administration Area

Office Trailer Delivery



Electrical Utilities Setup



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Barge Mobilization

Installation of Bow Sections
on Transport Barge



Installation of Steel Rail on
Starboard Side of Barge



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Armor Cap Placement

Loading Armor Cap D Material onto
Transport Barge



Placement of Armor Cap D
Material on Eastern Cell



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Proposed TCRA Project Schedule

- Estimated Access Road Completion
 - February 25, 2011
- Armor Cap Placement
 - Waterside placement estimated to begin February 17, 2011
 - Landside preparation estimated to begin February 25, 2011
 - Landside placement estimated to begin April 4, 2011
- Estimated Construction Completion
 - September 1, 2011

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Remedial Investigation/Feasibility Study

Milestones

- Completed and received approval on Sediment Sampling and Analysis Plan
 - Implemented sediment sampling and analysis plan
- Completed and received approval of RI/FS Work Plan
- Completed and received approval of Fate and Transport Modeling Work Plan
- Completed and received approval of Technical Memorandum on Bioaccumulation
 - Implemented tissue sampling and analysis plan

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RI/FS (continued)

- Milestones (continued)
 - Completed and received approval of Groundwater Sampling and Analysis Work Plan
 - Implemented groundwater sampling and analysis work plan
 - Completed and received approval of Soil Sampling Work Plan
 - Implemented soil sampling and analysis work plan
- Draft Preliminary Site Characterization Report is due July 20, 2011
 - This report will include data and interpretations of data collected up to that time (e.g., sediment, soil, groundwater, tissue, hydrodynamic).

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Future RI/FS Activities

- Exposure Assessment
- Toxicological and Epidemiological Studies
- Baseline Human Health Risk Assessment
- Baseline Ecological Risk Assessment
- Treatability Studies
- Remedial Investigation Report
- Remedial Alternatives Evaluation
- Feasibility Study

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